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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

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COUNTRY Germany (Russian Zone)

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SUBJECT Production Plan for the Oberspreewerk, Berlin, for 1949

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1. An order was received at the Oberspreewerk (OSW), Berlin, from the USSR at the end of January 1949 for the manufacture of 500 5D21 tubes.* This order was refused by the Soviet management at the factory because the machinery was already fully occupied with orders and because of the shortage of molybdenum wire.

2. The official research plan for 1949 for Department III (Production of Transmitting and Receiving Tubes) of OSW is as follows:

   a. Production of ten test samples of a noise-diode (Rauschdiode) for 3 cm: Type OSW 2589. Date of completion is November 1949.

   b. Completion of ten noise-diodes for 10 cm. Date of completion is December 1949.

   c. Construction of three apparatus for testing the thermal grid-emission by the impulse method. Date of completion is December 1949.

   d. Construction of three sets of measuring equipment for the pulse output of tubes. Date of completion is December 1949.

   e. Construction of three sets of measuring apparatus for transient voltages ("Klingspannung") and duration of oscillation. Date of completion is December 1949.

   f. Construction of three sets of measuring apparatus for high frequency noise-voltage. Date of completion is December 1949.

3. Tasks to be undertaken by SAG's and Soviet offices in Germany include the assembly of the following types of transmitting tubes:

   a. RS 557: Approximately 40 KW
   b. RS 558: Approximately 40 KW
   c. RS 566: Approximately 70 KW
   d. RS 366: Approximately 140 KW

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4. These tubes are for Soviet Zone broadcasting stations and are water-cooled. Ten of each were ordered by Kiselyev (Soviet) who is connected with the AEG Köppelsdorf (J40), Thuringia. Because of the lack of skilled craftsmen, however, the OSW intend to complete only one of each by the end of 1949.

5. Other scheduled tasks are as follows:

   a. The assembly of these receiving tube types: 6SA7, 6J5, 6SK7, 6SQ7, 6V6, 5Z4, 6H6, 6E5, and 6L6.**

   b. The development of a plant for mass production of all tube types with a capacity of 20-30,000 tubes per year.

6. It is planned to start production in July 1949 of types 6SA7, 6J5, 6SK7, 6SQ7, 6V6, and 5Z4. The planned production date for types 6H6, 6E5, and 6L6 is December 1949.

7. The tube production program for February 1949 is given below by type and quantity:

a.	OSW 2190:	13,000 pieces
b.	OSW 2600:	550 "
c.	OSW 2004:	150 "
d.	OSW 2582:	100 "
e.	TS 41 :	400 "

8. Types and quantities of research equipment to be produced during February 1949 are as follows:

a.	OSW 2584	Superstructures which can be evacuated:	20 pieces
b.	OSW 2589	Cathode tests :	10 "
c.	OSW 2432	Superstructures which can be evacuated:	50 "
d.	6SQ7	Superstructures which can be evacuated:	10 "
e.	RS 566	Production of parts :	-

9. High voltage rectifiers to be produced include five of the S 15/6 superstructures, and an unspecified number of parts of the S 15/40.

10. Dr. Hackenberg, of the cathode-ray tube department, is working on the development of a tube with a sweep velocity of 120 Km. per second. This project is reported to be nearing completion.

11. [redacted] Tcherepnin is now manager of a factory in Leningrad. 50X1-HUM

* [redacted] Comment: [redacted] although OSW was experimenting with these tubes, they were only being manufactured in the USSR. 50X1-HUM

** [redacted] Comment: It has not yet been decided whether the 6SK7 and 6SQ7, as listed above, will be produced or their alternatives, 6K7 and 6Q7. 50X1-HUM